

Title (en)  
APPARATUS AND METHOD FOR PROTECTING PRINTING HEADS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM SCHUTZ VON DRUCKKÖPFEN

Title (fr)  
APPAREIL ET PROCEDE DE PROTECTION DE TETES D'IMPRESSION

Publication  
**EP 1333982 A2 20030813 (EN)**

Application  
**EP 01980868 A 20011022**

Priority

- IL 0100974 W 20011022
- US 24214100 P 20001023

Abstract (en)  
[origin: WO0234524A2] Apparatus and method for protecting print heads from uncontrolled movement and vibration is provided. The apparatus includes at least one print head, a movable component attachable to a flexible cable carrier, the flexible cable carrier being coupled to at least one print head, and an isolating component attachable to the movable component, for isolating uncontrolled movement and vibration of the flexible cable carrier from the at least one print head.

IPC 1-7  
**B41J 2/17**; **B41J 29/08**

IPC 8 full level  
**B41J 2/175** (2006.01); **B41J 2/19** (2006.01); **B41J 11/42** (2006.01); **B41J 13/00** (2006.01); **B41J 29/02** (2006.01); **B41J 29/08** (2006.01)

CPC (source: EP US)  
**B41J 2/175** (2013.01 - EP US); **B41J 2/19** (2013.01 - EP US); **B41J 11/42** (2013.01 - EP US); **B41J 13/0072** (2013.01 - EP US); **B41J 29/02** (2013.01 - EP US); **B41J 29/08** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0234524 A2 20020502**; **WO 0234524 A3 20020704**; AT E500969 T1 20110315; AU 1265002 A 20020506; AU 1265202 A 20020506; DE 60144193 D1 20110421; EP 1333982 A2 20030813; EP 1333982 A4 20050615; EP 1333982 B1 20110309; IL 155512 A0 20031123; US 2002070996 A1 20020613; US 6726307 B2 20040427; WO 0234543 A2 20020502; WO 0234543 A3 20020906

DOCDB simple family (application)  
**IL 0100974 W 20011022**; AT 01980868 T 20011022; AU 1265002 A 20011022; AU 1265202 A 20011022; DE 60144193 T 20011022; EP 01980868 A 20011022; IL 0100972 W 20011022; IL 15551201 A 20011022; US 98298501 A 20011022